

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Geriatric medicine
Course number	MDCN6215
Faculty	
Department	
Course type	Major Needs
Course level	6
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Understand the aging process: Gain a comprehensive understanding of the physiological, psychological, and social aspects of aging, including common age-related changes and the impact on health and well-being.
- 2 - Evaluate and manage chronic diseases in older adults: Develop the skills to assess and manage chronic medical conditions commonly seen in older adults, such as hypertension, diabetes, osteoarthritis, osteoporosis, cardiovascular diseases, and respiratory disorders
- 3 - Comprehensive geriatric assessment (CGA): Understand the principles and components of a comprehensive geriatric assessment, including functional status evaluation, cognitive assessment, mood evaluation, nutritional assessment, medication review, and social support evaluation.
- 4 - Identify common geriatric syndromes: Learn to recognize and diagnose common geriatric syndromes such as frailty, falls, cognitive impairment (including dementia), delirium, incontinence, and polypharmacy.
- 5 - Learn about age-related pharmacokinetic and pharmacodynamic changes, appropriate prescribing principles, and common medication-related issues in older adults
- 6 - Acquire knowledge and skills in providing palliative and end-of-life care for older adults, including pain and symptom management, advance care planning, communication about goals of care, and addressing psychosocial and spiritual needs.
- 7 - Geriatric rehabilitation and functional preservation
- 8 - Gain an understanding of the mental health challenges faced by older adults, including mood disorders, anxiety disorders, sleep disorders, and neurocognitive disorders, and learn appropriate assessment and management strategies.

Intended Learning Outcomes

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| Knowledge and Understanding | <ul style="list-style-type: none">* Comprehensive geriatric assessment* Diagnosis and management of common geriatric conditions* Medication management: Students will demonstrate knowledge of pharmacokinetic and pharmacodynamic changes in older adults* Communication and interpersonal skills* Knowledge of geriatric syndromes: Students will demonstrate an understanding of common geriatric syndromes, their etiology, clinical presentation, and management strategies* Geriatric rehabilitation and functional preservation |
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Course Contents

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| <ul style="list-style-type: none">1 - Introduction to geriatric medicine2 - Geriatric assessment and functional evaluation3 - Common geriatric syndromes and conditions4 - Chronic disease management in older adults5 - Geriatric pharmacotherapy6 - Geriatric psychiatry7 - Palliative and end-of-life care8 - Geriatric rehabilitation and functional preservation |
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Teaching and Learning Methods

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| <ul style="list-style-type: none">1 - Lectures: Traditional lectures are commonly used to present core concepts, theories, and knowledge related to geriatric medicine.2 - Case-based learning: This method involves presenting clinical cases or scenarios that reflect real-life situations encountered in geriatric care. Students analyze and discuss the cases, applying their knowledge to develop diagnostic and management strategies.3 - Problem-based learning (PBL) encourages active learning, independent thinking, and teamwork.4 - Simulation and role-playing: Simulations and role-playing scenarios can help students develop practical skills and improve their ability to manage complex situations in geriatric care.5 - Small group discussions |
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Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Final exam Theoretical mcq	2hrs	100

Books and References

Course note	Pathys Principles and Practice of Geriatric Medicine
	Oxford Textbook of Geriatric Medicine
	Brocklehursts Textbook of Geriatric Medicine and Gerontology